

Converting Colors

Decimal(6308624)

Have a look what the booklet for
Decimal(6308624) contains.

Decimal(6308624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6308624)

Conversions

Conversions Part 1

Format	Color
Hex	604310
RGB	96, 67, 16
RGB Percent	38%, 26%, 6%
CMY	0.6235, 0.7373, 0.9373
CMYK	0.00, 0.30, 0.83, 0.62
HSL	38°, 71%, 22%
HSV	38°, 83%, 38%
XYZ	6.9246, 6.5385, 1.3873
YIQ	69.8570, 33.6550, -9.7130

Conversions

Conversions Part 2

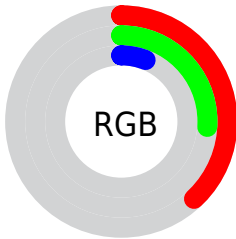
Format	Color
RYB	61, 96, 16
Decimal	6308624
CIELab	30.73, 7.39, 33.86
CIELCh	31, 34.659, 77.680
Yxy	6.5385, 0.4663, 0.4403
Android (android.graphics.Color)	4284498704 (0xFF604310)
YUV	69.8570, -26.5515, 22.9274
Hunter-Lab	25.5705, 3.5898, 14.6826

Details

The Decimal color **6308624** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1060192**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9859903**, and **2955264** is the 20% darker color. If you saturate the color by 10%, you get **6307846**, and if you desaturate by 10%, it is **6309402**.

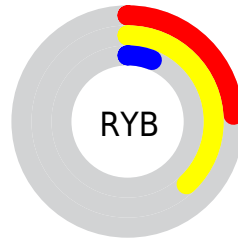
Distribution



Red (38%)

Green (26%)

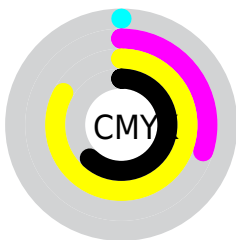
Blue (6%)



Red (24%)

Yellow (38%)

Blue (6%)

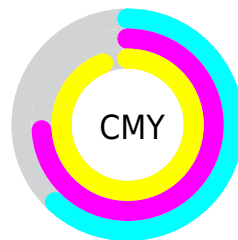


Cyan (0%)

Magenta (30%)

Yellow (83%)

Black (62%)



Cyan (62%)

Magenta (74%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6308624 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6308624 by changing the saturation by 10% instead.

 6308624

 6308624

 16777208

 4664576

 9859903

 2955264

 11701335

 1310720

 13543280

 0

 15450761

 16768676

 16775871

 16777179

 6308624

 6308624

■ 6307846

■ 6309402

■ 6307072

■ 6310435

■ 6311213

■ 6312246

■ 6313024

■ 6314058

■ 6314835

■ 6315869

■ 6316646

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7485473



6308624



4672528

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6308624



21848



6175341

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6308624



1060192

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3425916



6308624



21616

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6308624



21820



20349



7614805

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6308624



3362843



20349



5455475

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6308624



8221278



6295597



4208941



12566463



4210752

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6308624



8212480



5595152



3157804



7358464



15767808

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1060192



11645



1773664



2895152



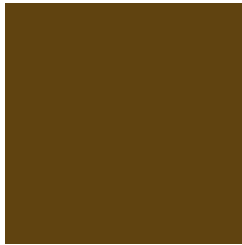
10608



22512

Previews

White Background



This preview shows how the Decimal color 6308624 looks on a white background.

Color Contrast Check

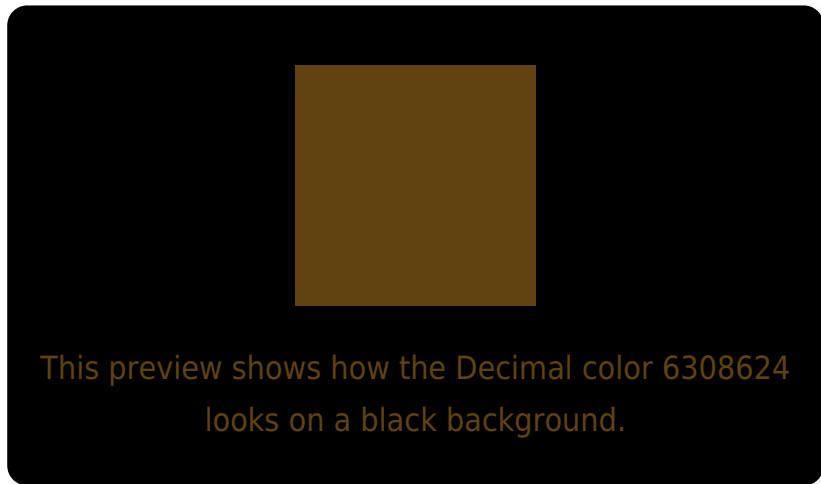
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

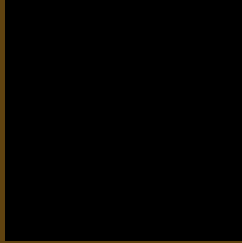
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6308624 Background



This preview shows how black text looks on a background with the Decimal color 6308624.



This preview shows how white text looks on a background with the Decimal color 6308624.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6308624

Protanopia
5392658

Deuteranopia
6046991



Tritanopia
6504003

Trichromacy



Original Color
6308624

Protanomaly
5719825

Deuteranomaly
6112271

Tritanomaly
6438960

Monochromacy



Original Color
6308624

Achromatopsia
4605510

Achromatomaly
5195058

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6308624 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #604310 looks like.

```
.text, #text, p{  
    color:#604310  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #604310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #604310
}
```

Border

The CSS property to change the border of an element to Decimal 6308624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

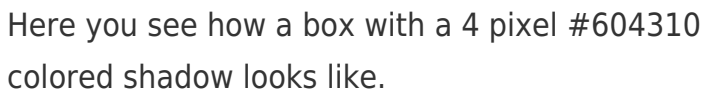
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#604310 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#604310 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #604310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #604310; -webkit-box-shadow:4px 4px  
4px 4px #604310; box-shadow:4px 4px 4px  
4px #604310 }
```

Background

The CSS property to change the background color of an element to Decimal 6308624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#604310 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#604310 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor